Dear Customers:

After such a warm and tumultuous summer, we all may be ready for a change, and we at PennDOT are working hard to prepare for whatever winter has in store for us. Even when the temperatures are warm, PennDOT is actively planning for the snow and ice Pennsylvania is sure to see.

We have more than 2,250 department plow trucks at the ready and we employ 4,500 equipment operators to brave the worst of winter to keep our roads passable.

They are supplemented by nearly 380 contracted plow trucks and supported by 502 mechanics. Their mission entails managing storms for more than 2,300 snow routes with an average length of 40 snow lane miles and a three to four hour cycle time during the average storm.

PennDOT has pooled resources with other states to study the effects of weather on winter maintenance, traffic and road treatments. We are now applying the lessons we have learned to our maintenance practices and leveraging our investment in new tools such as Automatic Vehicle Location (AVL) and Road Weather Information Systems (RWIS) to provide cost effective winter services.

RWIS is a network of 69 sites that provides us and 511PA.com with real-time weather and road surface data. AVL is installed in our plow trucks and provides real-time data to our managers on truck locations, material application rates and road surface temperatures. The AVL data also flows to our 511Pa website so you can keep track of where our trucks are. We also have an innovative system developed with the Pennsylvania Turnpike and the Pennsylvania Emergency Management Agency: 511PAConnect, which can provide updates to travelers through their cell phones on extended highway closures. We will continue collaborating with our partners such as the Federal Highway Administration, other state DOTs and local universities to find the best, safest and most effective winter maintenance strategies.

These details can be found in our Winter Services Guide in the following pages. Please help us by paying attention to winter weather forecasts before traveling, and if you must travel during storms, be prepared with needed supplies in your vehicle and slow down!

Sincerely,

Leslie S. Richards,
PennDOT Secretary
Getting Your Vehicle Ready for Winter - Motorists should ensure that...

- Pre-winter mechanical inspection is completed
- All lights are working
- Tires are properly inflated
- Tires have proper tread depth
- Dedicated snow tires for heavy snow areas
- Dedicated snow tires for heavy snow areas
- Fluid levels are full
- Your radio is working properly
- Your wipers don’t streak

Emergency Travel Kit - Don’t Leave Home Without It...

- Warm clothing and gloves
- Blanket
- Ice scraper
- Sand
- Non-perishable food
- Anything else you may need to accommodate family traveling with you (special medication, baby supplies, pet food, etc.)

Also remember to include warm clothing and gloves, blanket, ice scraper, sand, non-perishable food and anything else you may need to accommodate family traveling with you (special medication, baby supplies, pet food, etc.).
PennDOT Offers
These Winter Driving Tips:

Before You Go
- Prepare a winter emergency travel kit.
- Listen to weather and travel advisories.
- Visit www.511PA.com or call 511.
- Pack a cell phone and be sure it’s charged.
- Remove snow and ice from your hood, roof and windows.
- Tell someone where you are going and when you expect to arrive.
- Do not drink and drive and always wear your seat belt.

While You’re Traveling
- Turn on your headlights when your wipers are on - it’s the law.
- Watch for wet-looking roads, they could actually be frozen - “black ice.”
- Use low beams in cases of heavy or blowing snow.
- Do not use cruise control on snow-covered roads.
- Slow down and increase following distance and avoid sudden stops and starts.
- Use extra caution on bridges and ramps where ice can often form without warning.
- Do not pass or get between trucks plowing in a plow line.
- If you do become stranded, it’s recommended that you stay with your vehicle until help arrives. Run the engine every hour or so, but make sure the tailpipe is clear and keep the downwind window cracked open.
- Do not park or abandon your vehicle on snow emergency routes.

Take Special Precautions
Use caution in areas where pedestrians may be present. Anticipate the presence of pedestrians in residential areas. Be alert for people entering the road from behind snow piles. Allow pedestrians extra time to cross icy or snow-covered streets.

Winter Safety Tips for Pedestrians
- Wear brightly-colored clothing.
- Stay on sidewalks whenever possible but if you must walk on the road, travel as close to the road shoulder as possible and always walk facing oncoming traffic.
- Allow drivers ample time to stop in icy conditions.
- Before crossing a street, look left, right and then left again to check for traffic.
- Always cross a street at an intersection and avoid entering the road from between parked cars or behind snow piles.
PennDOT Winter Tools and Terms

**Anti-icing** - The application of salt brine to the road surface prior to winter storms. The solution lowers the freezing point of water and slows or prevents ice from forming a bond with the pavement during the early stages of a storm.

**Anti-skid** - Crushed limestone is used as an anti-skid material in addition to salt. The percentage of anti-skid varies by road type.

**De-icing** - The application of salt or salt brine to the roadway after snow or ice accumulation.

**Ground-speed activated salt spreader** - PennDOT trucks are equipped with an electronic material application system that automatically dispenses the desired amount of material. These systems ensure that the material is applied at a constant rate whether the truck is going 15 mph or 45 mph.

**Infrared temperature sensors** – Sensors are mounted on vehicles in the PennDOT fleet to provide the operator with the exact pavement temperature. This helps the operator determine if there is a potential for the roadway to freeze and when to start the treatment cycle.

**Pre-wetted salt** - Road salt is sprayed with salt brine to enhance the salt’s melting capability in cold weather. Pre-wetting lowers the melting point of salt to make it more effective in lower temperatures.

**Salt Brine** - Salt brine is essentially salt water produced at 65 PennDOT facilities around the state. This material is used in anti-icing operations and to pre-wet salt.

**Salt** - Salt remains the department’s primary weapon for fighting winter storms. PennDOT, which has 447 stockpiles around the state, has used an average of more than 900,000 tons of salt over the last five winters.

**Single, tandem and tri-axle trucks** - Over the past several years, PennDOT has been replacing its single-axle trucks, which are capable of hauling 8 tons of material, with larger and more powerful tandem-axle trucks, which are capable of hauling 16 tons. Tri-axle trucks can haul up to 22 tons.

**Wing plow** - When mounted on both sides of a truck, can allow a truck to clear almost an extra 8 to 9 feet of lane width in addition to the 11 feet or so already cleared by the main plow.

**Tow plow** - Towed by a plow truck and when combined with front plow, the combination will clear a width of 25 feet or two full lanes.

**Municipal Agreements** - Agreements in place for municipalities to clear state roads in their jurisdiction.
Winter By the Numbers

- **380 Rental Trucks**
- **2,248 PLOW Trucks**
- **235 Anti-Icing Units**
- **47 Snow blowers**
- **65 Brine Making Facilities**
- **4,500 Operators** Includes Anticipated Temporary Operators
- **655 Municipal Agreements**
- **95,990 Snow Lane Miles**
- **623,000 Tons of Anti-Skid Used**
- **$303 Million Winter Costs**
- **922,147 Tons of Salt Used**
- **11.5 Million Gallons of Salt Brine**

* Estimated number of rental trucks
** Average amount used over last five winters
*** Amount used 2017-2018 winter

Numbers as of Sept. 25, 2018
During winter weather, PennDOT’s primary goal is to keep roads passable and as safe as possible. Roads will not be free of ice and snow while precipitation is falling.

Storm Management

Each storm is different, and varies even from region to region. PennDOT staff review weather reports and on-the-ground conditions to plan how to manage each storm.

In a non-freezing-rain storm, department crews may pretreat with salt brine, essentially a mix of water and salt, from the backs of anti-icing trucks before frozen precipitation starts to fall. While salt brine isn’t needed for every storm, when it’s used it helps PennDOT get a jump start on removing ice and snow. Examples of when crews will not pretreat include when a storm is forecast to start as rain (rain will wash the material away) or when there is enough salt residue from a previous storm.

In addition to storm preparation, how PennDOT uses winter materials during storms varies by roadway and precipitation type. On higher-volume roadways, salt is the primary winter material used through a storm, especially during rush hours and on bridges, hills, curves and intersections. On lower-volume roadways the amount of salt will be reduced and anti-skid will be used more because salt is most effective with higher traffic volumes.

More Traffic = More Attention from Plows

Our Plow Trucks Follow Specific Routes

The Average PennDOT Plow Route = 40 Miles
Average Plow Times During Winter Weather Events

The time it takes for a plow truck to pass by the same point on the route depends on how heavy precipitation is, and how much traffic is on the roadway.

Interstates and expressways are PennDOT’s primary focus. In fact, equipment may be redirected to these roads during significant storms.

Under Ideal Conditions in a Low-Accumulation Storm

INTERSTATES & EXPRESSWAYS
Interstates and expressways will see a plow route completed in roughly two hours.

OTHER MAJOR ROUTES
Other major routes or less-traveled state roads may see a plow every three hours.

SEVERAL HOURS
Because trucks are often redirected to higher-priority roads, it can take several hours to complete a route on the lowest-volume roadways.

The heavier the traffic or precipitation on a roadway, the longer these routes will take.
**Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.**

**Anticipated Temporary Operators**

**Budget spent 2017-2018 winter**

Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.

---

**District 1**

**Winter Budget:** $18.8 Million*

**Spent Last Winter:** $29.9 Million***

- 8,410 Snow Lane Miles
- 83 Inches of Snow (average)
- 515 Municipal Agreement Miles

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**Erie**
- 2,051 Snow Lane Miles
- 104 Inches of Snow Average
- 265 Municipal Agreement Miles
- 35,947 Tons Salt Used
- 665,989 Gal. Brine Used
- Budget: $5.8 Million
- Spent: $8.9 Million

**Forest**
- 405 Snow Lane Miles
- 72 Inches of Snow Average
- 152,842 Gal. Brine Used
- Budget: $681,000
- Spent: $996,187

**Warren**
- 1,122 Snow Lane Miles
- 108 Inches of Snow Average
- 356,874 Gal. Brine Used
- Budget: $2.1 Million
- Spent: $2.9 Million

**Mercer**
- 1,755 Snow Lane Miles
- 39 Inches of Snow Average
- 19,267 Tons Salt Used
- 102,654 Gal. Brine Used
- Budget: $3.7 Million
- Spent: $5.6 Million

**Crawford**
- 1,972 Snow Lane Miles
- 90 Inches of Snow Average
- 113 Municipal Agreement Miles
- 16,124 Tons Salt Used
- 339,994 Gal. Brine Used
- Budget: $3.8 Million
- Spent: $6.7 Million

**Venango**
- 1,105 Snow Lane Miles
- 75 Inches of Snow Average
- 266,637 Gal. Brine Used
- Budget: $2.8 Million
- Spent: $4.8 Million

---

*Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

**Anticipated Temporary Operators**

**Budget spent 2017-2018 winter**
DISTRICT 1 OFFICE
255 Elm Street
Oil City, PA 16301
814-678-7085

CRAWFORD COUNTY OFFICE
18492 Smock Highway
Meadville, PA 16335
814-332-6880

ERIE COUNTY OFFICE
9031 Peach Street
Waterford, PA 16441
814-871-4411

FOREST COUNTY OFFICE
645 Elm Street
Tionesta, PA 16353
814-755-3580

MERCER COUNTY OFFICE
215 North Maple Street
Mercer, PA 16137
724-662-5350

VENANGO COUNTY OFFICE
1460 Pittsburgh Road
Franklin, PA 16323
814-432-3115

WARREN COUNTY OFFICE
20745 Route 6
Warren, PA 16365-0985
814-723-3500

PLow TRUCKS 166
LOADERS 40
STOCK PILES 32
GRADERS 5
ANTI-ICING TRUCKS 17
TOW PLOWS 1

340 OPERATORS
26 TEMP. OPERATORS**
32 MECHANICS

DISTRICT 1 TOTALS

ADMINISTRATION
District Executive
James Foringer, P.E.
Assistant District Executive/Maintenance
Douglas Schofield
Community Relations Coordinator
Jill Harry
Safety Press Officer
Vacant

** Anticipated Temporary Operators
Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

**Anticipated Temporary Operators**

**Budget spent 2017-2018 winter**

Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.

---

**District 2**

Winter Budget: $20.7 Million*

Spent Last Winter: $29.2 Million***

7,815 Snow Lane Miles

64 Inches of Snow (average)

150 Municipal Agreement Miles

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Salt Used Last Winter: 70,253 Tons

Brine Used Last Winter: 1,039,939 Gallons

Anti-skid Used Last Winter: 93,862 Tons

---

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

** Anticipated Temporary Operators

***Budget spent 2017-2018 winter
DISTRICT 2 OFFICE
70 PennDOT Drive
Clearfield, PA 16830
814-765-0400

CAMERON COUNTY OFFICE
21013 CCC Memorial Highway
Emporium, PA 15834
814-486-1643

CENTRE COUNTY OFFICE
1000 East Bishop Street
Bellefonte, PA 16823
814-355-4731

CLEARFIELD COUNTY OFFICE
1905 Washington Avenue
P.O. Box 245
Hyde, PA 16843
814-765-0524

CLINTON COUNTY OFFICE
1054 Ridge Road
Mill Hall, PA 17751
570-725-2200

ELK COUNTY OFFICE
32 St. Leo Avenue
Ridgway, PA 15853
814-772-0038

MCKEAN COUNTY OFFICE
300 Bingham Road
Cyclone, PA 16726
814-465-7754

MIFFLIN COUNTY OFFICE
1200 West Fourth Street
Lewistown, PA 17044
717-248-7851

POTTER COUNTY OFFICE
7 West Locust Street
Coudersport, PA 16915
814-274-9181

JUNIATA COUNTY OFFICE
4373 William Penn Highway
Mifflintown, PA 17059
717-436-2187

** Anticipated Temporary Operators

LOADERS
61

STOCK PILES
53

PLOW TRUCKS
196

MECHANICS
40

TEMP. OPERATORS** 50

GRADERS
7

ANTI-ICING TRUCKS
19

TOW PLOWS
1

ADMINISTRATION

District Executive
Karen L. Michael, P.E.

Assistant District Executive/Maintenance
David Matheson

Community Relations Coordinator
Marla Fannin

Safety Press Officer
Timothy Nebgen

** Anticipated Temporary Operators
Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

Anticipated Temporary Operators

Winter Budget: $16.5 Million*
Spent Last Winter: $21.9 Million***

9,418 Snow Lane Miles
43 Inches of Snow (average)
437 Municipal Agreement Miles

Brine Used Last Winter: 916,654 Gallons
Anti-skid Used Last Winter: 55,056 Tons

Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

** Anticipated Temporary Operators

***Budget spent 2017-2018 winter
**District 3 Totals**

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Plow Trucks</td>
<td>220</td>
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<tr>
<td>Loaders</td>
<td>45</td>
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<tr>
<td>Stock Piles</td>
<td>43</td>
</tr>
<tr>
<td>Graders</td>
<td>22</td>
</tr>
<tr>
<td>Anti-Icing Trucks</td>
<td>10</td>
</tr>
<tr>
<td>Operators</td>
<td>477</td>
</tr>
<tr>
<td>Temporary Operators</td>
<td>32</td>
</tr>
<tr>
<td>Mechanics</td>
<td>38</td>
</tr>
</tbody>
</table>

**Administration**

District Executive  
Sandra Tosca, P.E.

Assistant District Executive/Maintenance  
Eric High, P.E.

Community Relations Coordinator  
Dave Thompson

Safety Press Officer  
Kimberly Smith

** Anticipated Temporary Operators
Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

**Anticipated Temporary Operators**

***Budget spent 2017-2018 winter*** Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.

**District 4**

Winter Budget: $23.4 Million*  
Spent Last Winter: $34.4 Million***  
8,816 Snow Lane Miles  
40 Inches of Snow (average)  
447 Municipal Agreement Miles

---

**Susquehanna**

- **1 Anticzing Trucks**
- **11 Loaders**
- **22 Mechanics**
- **9 Stockpiles**

1,651 Snow Lane Miles  
50 Inches of Snow Average  
12 Municipal Agreements Miles  
25,000 Tons Salt Used  
222,000 Gal. Brine Used

Budget: $4.0 Million  
Spent: $6.4 Million

---

**Wyoming**

- **33 Operators**
- **17 PLOW Trucks**
- **5 Loaders**
- **21 Mechanics**
- **3 Stockpiles**

748 Snow Lane Miles  
41 Inches of Snow Average  
40 Municipal Agreements Miles  
5,600 Tons Salt Used  
194,000 Gal. Brine Used

Budget: $1.6 Million  
Spent: $2.3 Million

---

**Wayne**

- **59 Operators**
- **26 PLOW Trucks**
- **7 Loaders**
- **6 Mechanics**
- **9 Stockpiles**

1,478 Snow Lane Miles  
43 Inches of Snow Average  
29 Municipal Agreements Miles  
13,422 Tons Salt Used  
148,640 Gal. Brine Used

Budget: $3.2 Million  
Spent: $4.7 Million

---

**Pike**

- **30 Operators**
- **21 PLOW Trucks**
- **5 Loaders**
- **3 Mechanics**
- **4 Stockpiles**

678 Snow Lane Miles  
38 Inches of Snow Average  
38 Municipal Agreements Miles  
13,324 Tons Salt Used  
198,774 Gal. Brine Used

Budget: $2.4 Million  
Spent: $3.4 Million

---

**Luzerne**

- **68 Operators**
- **50 PLOW Trucks**
- **11 Loaders**
- **10 Mechanics**
- **44 Stockpiles**

2,703 Snow Lane Miles  
31 Inches of Snow Average  
233 Municipal Agreements Miles  
42,608 Tons Salt Used  
355,090 Gal. Brine Used

Budget: $6.9 Million  
Spent: $9.6 Million

---

**Lackawanna**

- **63 Operators**
- **42 PLOW Trucks**
- **7 Loaders**
- **9 Mechanics**
- **29 Stockpiles**

1,558 Snow Lane Miles  
38 Inches of Snow Average  
95 Municipal Agreements Miles  
32,254 Tons Salt Used  
623,403 Gal. Brine Used

Budget: $5.3 Million  
Spent: $8.0 Million

---

Salt Used Last Winter: 132,208 Tons  
Brine Used Last Winter: 1,743,967 Gallons  
Anti-skid Used Last Winter: 99,951 Tons

---

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

** Anticipated Temporary Operators

***Budget spent 2017-2018 winter
DISTRICT 4 OFFICE
55 Keystone Ind. Park
Dunmore, PA 18512
570 963-4061

LACKAWANNA COUNTY OFFICE
1034 Morgan Highway
Clarks Summit, PA 18411
570 586-2211

LUZERNE COUNTY OFFICE
381 South Main Street
Ashley, PA 18706
570-826-2386

PIKE COUNTY OFFICE
101 Bennett Avenue
Milford, PA 18337
570-296-7193

SUSQUEHANNA COUNTY OFFICE
18790 State Route 706
Montrose, PA 18801
570-278-1171

WAYNE COUNTY OFFICE
984 Texas Palmyra Highway
Honesdale, PA 18431
570 253-3130

WYOMING COUNTY OFFICE
1 Franklin Avenue
Tunkhannock, PA 18657
570-836-3141

DISTRICT 4 TOTALS

** Anticipated Temporary Operators**

317 OPERATORS
131 TEMP. OPERATORS**
38 MECHANICS
195 PLOW TRUCKS
46 LOADERS
40 STOCK PILES
15 GRADERS
44 ANTI-ICING TRUCKS

ADMINISTRATION

District Executive
George Roberts, P.E.

Assistant District Executive/Maintenance
Dennis Giordano

Community Relations Coordinator
James May

Safety Press Officer
Michael Taluto

** Anticipated Temporary Operators**
Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.
district 5 totals

**Anticipated Temporary Operators

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Plow Trucks</td>
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<tr>
<td>Loaders</td>
<td>44</td>
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<tr>
<td>Stock Piles</td>
<td>37</td>
</tr>
<tr>
<td>Graders</td>
<td>9</td>
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<tr>
<td>Anti-Icing Trucks</td>
<td>18</td>
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<td>Tow Plows</td>
<td>3</td>
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District Executive
Michael W. Rebert, P.E.

Assistant District Executive/Maintenance
Jill Krause

Community Relations Coordinator
Ronald J. Young, Jr., M.P.A.

Safety Press Officer
Sean Brown

** Anticipated Temporary Operators

administration

District Executive
Michael W. Rebert, P.E.

Assistant District Executive/Maintenance
Jill Krause

Community Relations Coordinator
Ronald J. Young, Jr., M.P.A.

Safety Press Officer
Sean Brown

** Anticipated Temporary Operators
DISTRICT 6

Winter Budget: $31.0 Million*
Spent Last Winter: $38.4 Million***
11,106 Snow Lane Miles
16 Inches of Snow (average)
2,972 Municipal Agreement Miles

Salt Used Last Winter: 114,105 Tons
Brine Used Last Winter: 432,430 Gallons
Anti-skid Used Last Winter: 6,695 Tons

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.
** Anticipated Temporary Operators
***Budget spent 2017-2018 winter

Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.
DISTRICT 6 OFFICE
7000 Geerdes Blvd.
King of Prussia, PA 19406
610-205-6700

BUCKS COUNTY OFFICE
229 North Broad Street
Doylestown, PA 18901
215-345-6060

CHESTER COUNTY OFFICE
711 Ryan Boulevard
Coatesville, PA 19320
484-340-3200

DELWARE COUNTY OFFICE
426 S. Old Middletown Rd.
P.O. Box B
Media, PA 19063
610-566-0972

MONTGOMERY COUNTY OFFICE
Swede Rd. & Johnson Hwy.
P.O. Box 350
Norristown, PA 19404
610-275-2368

PHILADELPHIA COUNTY OFFICE
1901 Ruffner Street
Philadelphia, PA 19140
215-225-1415

** DISTRICT 6 TOTALS **

<table>
<thead>
<tr>
<th>Equipment Type</th>
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<td>Loaders</td>
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<tr>
<td>Stock Piles</td>
<td>36</td>
</tr>
<tr>
<td>Anti-Icing Trucks</td>
<td>26</td>
</tr>
<tr>
<td>Operators</td>
<td>296</td>
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<tr>
<td>Temporary Operators**</td>
<td>77</td>
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<tr>
<td>Mechanics</td>
<td>26</td>
</tr>
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</table>

** Temporary Operators**

** Anticipated Temporary Operators

ADMINISTRATION

District Executive
Kenneth M. McClain

Assistant District Executive/Maintenance
John Krafczyk

Deputy Communications Director
Brad Rudolph

Community Relations Coordinator
Ayanna Williams

Safety Press Officer
Robyn Briggs

Digital Community Relations Coordinator
Chelsea Lacey-Mabe
D I S T R I C T  8

Winter Budget: $23.9 Million*
Spent Last Winter: $29.4 Million***
12,713 Snow Lane Miles
23 Inches of Snow (average)
1,227 Municipal Agreement Miles

<table>
<thead>
<tr>
<th>District</th>
<th>Snow Lane Miles</th>
<th>Snow (average)</th>
<th>Municipal Agreement Miles</th>
<th>Salt Used Last Winter</th>
<th>Brine Used Last Winter</th>
<th>Anti-ski Used Last Winter</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADAMS</td>
<td>1,222</td>
<td>23</td>
<td>29</td>
<td>6,130 Tons</td>
<td>205,553 Gal.</td>
<td>12,881 Tons</td>
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<tr>
<td>CAMERON</td>
<td>1,394</td>
<td>29</td>
<td>72</td>
<td>7,859 Tons</td>
<td>27,900 Gal.</td>
<td>13,201 Tons</td>
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<tr>
<td>CUMBERLAND</td>
<td>1,470</td>
<td>23</td>
<td>98</td>
<td>15,971 Tons</td>
<td>156,011 Gal.</td>
<td>390,674 Tons</td>
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<tr>
<td>DAUPHIN</td>
<td>1,589</td>
<td>23</td>
<td>284</td>
<td>7,769 Tons</td>
<td>202,835 Gal.</td>
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<td>LEBANON</td>
<td>902</td>
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<td>109</td>
<td>7,146 Tons</td>
<td>34,600 Gal.</td>
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<td>LANCASTER</td>
<td>2,517</td>
<td>17</td>
<td>294</td>
<td>15,112 Tons</td>
<td>52,625 Gal.</td>
<td>390,674 Tons</td>
</tr>
<tr>
<td>LEESBURG</td>
<td>1,308</td>
<td>22</td>
<td>42</td>
<td>6,673 Tons</td>
<td>156,977 Gal.</td>
<td>15,112 Tons</td>
</tr>
<tr>
<td>YORK</td>
<td>2,686</td>
<td>19</td>
<td>270</td>
<td>13,201 Tons</td>
<td>390,674 Gal.</td>
<td>390,674 Tons</td>
</tr>
<tr>
<td>YORKS GROVE</td>
<td>1,409</td>
<td>17</td>
<td>284</td>
<td>8,040 Tons</td>
<td>254,220 Gal.</td>
<td>13,021 Tons</td>
</tr>
<tr>
<td>YORKSTON</td>
<td>1,308</td>
<td>22</td>
<td>98</td>
<td>6,673 Tons</td>
<td>156,977 Gal.</td>
<td>15,112 Tons</td>
</tr>
</tbody>
</table>

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.
** Anticipated Temporary Operators
*** Budget spent 2017-2018 winter

Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.
DISTRICT 8 OFFICE
2140 Herr Street
Harrisburg, PA 17103
717-787-6653

ADAMS COUNTY OFFICE
1185 Fairfield Rd.
P.O. Box 3248
Gettysburg, PA 17325
717-334-3155

CUMBERLAND COUNTY OFFICE
40 Army Heritage Drive
Carlisle, PA 17013
717-243-5414

DAUPHIN COUNTY OFFICE
2140 Herr Street
Harrisburg, PA 17103
717-787-5391

FRANKLIN COUNTY OFFICE
619 N. Franklin St.
Chambersburg, PA 17201
717-264-4171

LANCASTER COUNTY OFFICE
2105 Lincoln Highway East
Lancaster, PA 17602
717-299-7621

LEBANON COUNTY OFFICE
1445 Cumberland Street
Lebanon, PA 17042
717-450-2223

PERRY COUNTY OFFICE
413 West Main Street
New Bloomfield, PA 17068
717-582-2191

YORK COUNTY OFFICE
1920 Susquehanna Trail North
York, PA 17404
717-848-6230

499 OPERATORS
147 TEMP. OPERATORS**
45 MECHANICS
310 PLOW TRUCKS
78 LOADERS
65 STOCK PILES
13 GRADERS
24 ANTI-ICING TRUCKS
4 TOW PLOWS

ADMINISTRATION
District Executive
Michael Keiser, P.E.

Assistant District Executive/Maintenance
Dave Rock

Community Relations Coordinator
Greg Penny

Assistant Community Relations Coordinator
Mike Crochunis

Safety Press Officer
Fritzi Schreffler

** Anticipated Temporary Operators
Each county’s budget numbers are rounded up. District totals are calculated using actual total number and rounded up.

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

** Anticipated Temporary Operators

***Budget spent 2017-2018 winter
DISTRICT 10

Winter Budget: $18.2 Million*
Spent Last Winter: $22.7 Million***
6,985 Snow Lane Miles
46 Inches of Snow (average)
123 Municipal Agreement Miles

Salt Used Last Winter: 84,322 Tons
Brine Used Last Winter: 969,551 Gallons
Anti-skid Used Last Winter: 69,920 Tons

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.

** Anticipated Temporary Operators

***Budget spent 2017-2018 winter
**D I S T R I C T 1 0 T O T A L S**

- **Administrative Office**
  - **District Executive**
    - Joseph P. Dubovi, III, P.E.
  - **Assistant District Executive/Maintenance**
    - Brian N. Allen, P. E.
  - **Community Relations Coordinator**
    - Vacant

**DI S T R I C T 1 0 O F F I C E**
2550 Oakland Ave.
Indiana, PA 15701
724-357-2800

**A R M S T R O N G  C O U N T Y O F F I C E**
504 S. Water St.
Kittanning, PA 16201
724-543-1811

**B U T L E R C O U N T Y O F F I C E**
351 New Castle Road
Butler, PA 16001
724-284-8800

**C L A R I O N  C O U N T Y O F F I C E**
21057 Paint Boulevard
Shippenville, PA 16254
814-226-8200

**I N D I A N A  C O U N T Y O F F I C E**
2550 Oakland Ave.
P.O. Box 429
Indiana, PA 15701
724-357-2817

**J E F F E R S O N  C O U N T Y O F F I C E**
205 Witherow St.
Punxsutawney, PA 15767
814-938-6300

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**352** OPERATORS

**36** MECHANICS

**163** PLOW TRUCKS

**35** STOCK PILES

**38** LOADERS

**12** GRADERS

**18** ANTI-ICING TRUCKS

**67** TEMP. OPERATORS**

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**Anticipated Temporary Operators**
DISTRICT 11

Winter Budget: $15.5 Million*
Spent Last Winter: $20.1 Million***
5,890 Snow Lane Miles
35 Inches of Snow (average)
1,761 Municipal Agreement Miles

Salt Used Last Winter: 77,342 Tons
Brine Used Last Winter: 486,510 Gallons
Anti-skid Used Last Winter: 12,422 Tons

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.
** Anticipated Temporary Operators
***Budget spent 2017-2018 winter
DISTRICT 11 OFFICE
45 Thoms Run Rd.
Bridgeville, PA 15017
412-429-5000

ALLEGHENY COUNTY OFFICE
51 Fox Chapel Road
Pittsburgh, PA 15238
412-781-3260

BEAVER COUNTY OFFICE
155 Stewart Avenue
Rochester, PA 15074
724-774-6610

LAWRENCE COUNTY OFFICE
1800 Wilmington Road
New Castle, PA 16105
724-656-3104

DISTRICT 11 TOTALS

** Anticipated Temporary Operators

ADMINISTRATION

District Executive
Cheryl Moon-Sirianni, P.E.

Assistant District Executive/Maintenance
Angelo Pampena

Press Officer
Steve Cowan

Community Relations Coordinator
Joel Morris

Safety Press Officer
Yasmeen Manyisha

** Anticipated Temporary Operators
DISTRICT 12

Winter Budget: $18.3 Million*
Spent Last Winter: $24.4 Million***
8,235 Snow Lane Miles
84 Inches of Snow (average)
909 Municipal Agreement Miles

Salt Used Last Winter: 82,925 Tons
Brine Used Last Winter: 1,111,346 Gallons
Anti-ski Used Last Winter: 50,336 Tons

* Planned budget includes personnel, rented equipment, winter materials and municipal agreements. Budget may change through season depending on needs.
** Anticipated Temporary Operators
***Budget spent 2017-2018 winter
DISTRICT 12 OFFICE
825 N. Gallatin Ave. Ext.
Uniontown, PA 15401
724-439-7315

FAYETTE COUNTY OFFICE
825 N. Gallatin Ave. Ext.
Uniontown, PA 15401
724-439-7470

GREENE COUNTY OFFICE
129 Jefferson Road
Waynesburg, PA 15370
724-627-6131

WASHINGTON COUNTY OFFICE
170 Route 519
Eighty Four, PA 15330
724-223-4480

WESTMORELAND COUNTY OFFICE
144 Donahue Road
Greensburg, PA 15601
724-832-5387

DISTRICT 12 TOTALS

- 311 Operators
- 103 Temp Operators**
- 36 Mechanics
- 196 Plow Trucks
- 41 Loaders
- 30 Stock Piles
- 10 Graders
- 14 Anti-Icing Trucks

ADMINISTRATION

District Executive
Joseph Szczur, P.E.

Assistant District Executive/Maintenance
Robert C. Dean, P.E.

Community Relations Coordinator
Valerie L. Petersen

Asst. Community Relations Coordinator
Ray Deep

Safety Press Officer
Jay M. Ofsanik

** Anticipated Temporary Operators